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*The Configurations of Jupiter's Satellites, at the times
Eclipses, as are visible at London, will happen in the*
By James Hodgson F.R.S. Master of the Royal

1	 2 1 3	41	
2	2 1'  3 *4	42	1
3	 1 * 2 *3 4	43	* 4 * 3 1
4	* 2  1 * *4 3	44	*4
5	2 *  1 * 4 3	45	
6	 2 1 * 3 4	46	* 3 1
7	3*  2 * 4	47	
8	* 3 1  * 2	48	
9	* 3  1 * 4	49	
10	* 4 * 2  *3 *1	50	3* * 2 *4
11	* 2  * 3 1 * 4	51	* 4 * 2
12	3*  * 2 1 * 4	52	*3
13	2 *  *3 *1 4	53	*1
14	* 4 2 *  *1	54	*4 * 3
15	* 4  2 1 3	55	* 4 * 1
16	* 4  2 1 3	56	
17	 ** 1 2 *3 *4	57	* 3
18	 ** 1 2 *3 *4	58	* 3 2
19	1*  * 3 4	59	* 4
20	* 1  * 3 * 2	60	* 4 3
21	* 1  * 4 *3 *2	61	* 4 * 3 2
22	* 4 * 2  *1 *3	62	
23	* 4 * 2  *3	63	* 3 1
24	* 2  *1 *3 *4	64	* 3 2
25	*3  *2 *4	65	* 3 1
26	* 2  * 4 *1 *3	66	* 4
27	* 2  *1 *3	67	
28	* * *3  * 2	68	* * 2

of Jupiter's Satellites, at the times when such of their
 ble at London, will happen in the Year 1736.
 F. R. S. Master of the Royal Mathematical School.

 1	41	 1 *2 3 4
 3	42	 1 4 * *3
 1 * 2 *3	43	 4 3 1 2
 1 * 4 3	44	 1 *2 *3
 1 * 4 3	45	 4 3 1 2
 2 * 1 3 4	46	 3 1 2 *4
 2 * 1 3 4	47	 1 *2 3 4*
 * 4 2	48	 2 1 * 3 *4
 1 * 2	49	 3 * 1 2 *4
 *3 *1	50	 3 * 2 4 1
 * 3 1 4	51	 2 1 * 3
 2 * 1 4	52	 *3 1 *2 4
 3 * 1 4	53	 4 1 2 * 3
 * 1	54	 3 1 * 2
 2 1 3	55	 1 2 * 3
 1 2 3	56	 3 * 1 2 4
 1 2 *3 *4	57	 3 1 * 2 4
 1 2 *3 *4	58	 3 2 1 * 4
 3 4	59	 4 3 * 1 2
 3 4 2	60	 4 3 * 1 2
 4 *3 *2	61	 4 3 2 1
 *1 *3	62	 4 3 1 2
 *3	63	 3 1 2 * 4
 *1 *3 *4	64	 3 2 1 * 4
 *2 *4	65	 3 1 2 * 4
 4 *1 *3	66	 1 * 3 2
 *1 *3	67	 1 * 3 2 *4
 *2	68	 2 4 * 3

11		\star_2		\star_3^1	\star^4	51	\star_4	\star_2
12	$3\star$			\star_2^1	\star^4	52		\star_3
13		$2\star$		\star_3^1	\star^4	53		\star_1^1
14	\star_4		$2\star$		\star_1	54	\star_4	\star_3
15	\star_4			\star_1^2	\star_3	55	\star_4	\star_1
16	\star_4			\star_1^2	\star_3	56		\star_3
17				\star_{12}	$\star_3 \star_4$	57		\star_3
18				\star_{12}	$\star_3 \star_4$	58		$\star_3 \star_2$
19			$1\star$		\star_3	59		\star_4
20		\star_1		$\star_3 \star_4^2$		60		$\star_4 \star_3$
21		\star_1		$\star_4 \star_3 \star_2$		61	\star_4	$\star_3 \star_2$
22	\star_4		\star_2		$\star_1 \star_3$	62		
23	\star_4		\star_2		\star_3	63		$\star_3 \star_1$
24			\star_2		$\star_1 \star_3 \star_4$	64		$\star_3 \star_2$
25		\star_3			\star_2	65		$\star_3 \star_1$
26		\star_2		$\star_4 \star_1 \star_3$		66	\star_4	
27			\star_2		$\star_1 \star_3$	67		
28	$4\star \star_3$			\star_2		68		$\star_2 \star_4$
29		\star_3			$\star_1 \star_2 \star_4$	69	\star_4	$\star_1 \star_3$
30		\star_3	$1\star$		$\star_2 \star_4$	70		$\star_4 \star_1$
31		\star_3		$\star_1^1 \star_2^2 \star_4$		71		\star_2
32	\star_4		\star_3	\star_2		72		\star_1
33	\star_4		\star_1		$\star_3^3 \star_2^2$	73		
34		$\star_4 \star_3$			$\star_1^1 \star_2^2$	74		\star_4
35		$\star_3 \star_2$		\star_1^1		75		\star_4
36			$\star_1^1 \star_2$		$\star_3 \star_4$	76		
37		\star_3	$\star_2 \star_1$		\star_4	77	\star_4	\star_3
38		$4\star$	\star_1		$\star_2 \star_3$	78		$\star_4 \star_3 \star_2$
39		$4\star \star_1$	\star_2		\star_3	79		
40	\star_4		\star_3	$\star_2 \star_1$		80		$\star_2 \star_3$

In these Forms will the Satellites appear; if they could be seen with a naked Eye, or through a Reflex through a Telescope composed of two Convex Glasses, the Order will be inverted.

* ¹ ₃ *	
* ¹ ₂ *	* ⁴
* ¹ ₃ *	* ⁴
* ¹	
* ² ₁	* ³
* ² ₁	* ³
** ₁₂	* ³ * ⁴
** ₁₂	* ³ * ⁴
* ₃	* ⁴
* ₃ * ²	
* ₄ * ³ * ²	
* ¹ * ³	
* ³	
* ¹ * ³ * ⁴	
* ²	* ⁴
* ₄ * ¹ * ³	
* ¹ * ³	
* ²	
* ¹ * ² * ⁴	
* ² * ⁴	
¹ ₁ * ² * ⁴	
¹ ₁	
³ ₁ * ²	
¹ ₁ * ²	
	* ³ * ⁴
	* ⁴
² ₁	* ³
	* ³

51	* ⁴	* ² * ¹	* ³
52		* ³ * ¹ * ²	* ⁴
53		* ¹ * ² * ³	
54	* ⁴	* ³ * ¹ * ²	
55		* ¹ * ² * ³	
56		* ³ * ¹ * ² * ⁴	
57		* ³ * ¹ * ² * ⁴	
58		* ³ * ² * ¹	* ⁴
59		* ⁴ * ³ * ¹ * ²	
60		* ⁴ * ³ * ¹ * ²	
61	* ⁴	* ³ * ² * ¹	
62		* ⁴ * ³ * ¹ * ²	
63		* ³ * ¹ * ² * ⁴	
64		* ³ * ² * ¹	* ⁴
65		* ³ * ¹ * ² * ⁴	
66	* ⁴	* ¹ * ³ * ²	
67		* ¹ * ³ * ² * ⁴	
68		* ² * ⁴ * ³	
69	* ⁴	* ¹ * ³ * ²	
70		* ⁴ * ¹ * ² * ³ * ³	
71		* ² * ¹ * ³	
72		* ¹ * ³ * ² * ⁴	
73		* ² * ¹ * ³ * ⁴	
74		* ⁴ * ¹ * ³ * ²	
75		* ⁴ * ¹ * ³ * ²	
76		* ¹ * ³ * ² * ⁴	
77	* ⁴	* ³ * ²	
78		* ⁴ * ³ * ² * ¹	
79		* ³ * ¹	* ⁴
80		* ² * ³ * ¹	* ⁴

near, if they could be seen with a naked Eye, or through a Reflector; but if they are view'd —
 Convex Glasses, the Order will be inverted.

III. *The apparent Times of such of the Immersions and Emersions of Jupiter's Satellites, as are visible at London, in the Year 1736. together with their Configurations at those Times represented in a Plate (vide TAB.) by the same.*

D. H. M.				D. H. M.			
JANUARY.				JUNE.			
20 6				19	7	1	46 M E. 3
FEBRUARY.				20	10	10	52 A I. 4
1	5	6	43 M I. 2	21	11	3	38 M E. 4
2	13	6	4 M I. 3	22	13	11	34 A I. 1
3	25	6	0 M I. 1	23	14	2	8 M I. 3
MARCH.				24	21	1	27 M I. 1
4	12	4	21 M I. 1	25	22	9	26 A I. 2
5	19	4	9 M I. 4	26	27	9	44 A E. 4
APRIL				27	28	3	20 M I. 1
6	2	3	41 M I. 2	28	29	12	00 I. 2
7	4	4	38 M I. 1	JULY.			
8	5	3	3 M E. 4	29	6	11	42 A I. 1
9	20	2	57 M I. 1	30	7	2	36 M I. 2
10	25	1	51 M E. 3	31	14	1	36 M I. 1
MAY.				32	15	8	4 A I. 1
11	2	2	16 M I. 3	33	19	10	5 A I. 3
12	4	3	25 M I. 2	34	21	3	31 M I. 1
13	6	1	14 M I. 1	35	22	9	59 A I. 1
14	13	3	7 M I. 1	36	24	12	00 E. 2
15	29	0	26 M I. 2	37	30	2	12 M E. 1
16	00	1	21 M I. 1	38	31	8	41 A E. 1
JUNE.				AUGUST.			
17	5	3	00 M I. 2	39	1	2	37 M E. 2
18	00	3	14 M I. 1	40	6	4	8 M E. 1
				41	15	0	34 M E. 1
				42	16	11	37 A I. 4

AUGUST

D. H. M.						D. H. M.					
AUGUST.						OCTOBER.					
43	18	9	13	A	E. 2	63	14	6	24	A	E. 2
44	22	2	31	M	E. 1	64	15	11	39	A	E. 1
45	24	9	52	A	E. 3	65	21	9	1	A	E. 2
46	25	11	51	A	E. 2	66	24	8	4	A	E. 1
47	29	4	28	M	E. 1	67	31	9	58	A	E. 1
48	30	10	57	A	E. 1	NOVEMBER.					
SEPTEMBER.						68	8	7	5	A	I. 4
49	1	1	55	M	E. 3	69	11	6	18	A	E. 3
50	2	10	39	A	E. 4	70	16	6	7	A	E. 2
51	7	0	55	M	E. 1	71	16	8	14	A	E. 1
52	15	9	22	A	E. 1	72	18	6	44	A	I. 3
53	19	9	9	A	E. 2	73	22	8	41	A	E. 2
54	22	11	20	A	E. 1	74	25	5	49	A	E. 4
55	26	11	48	A	E. 2	DECEMBER.					
56	29	6	9	A	E. 3	75	2	6	27	A	E. 1
57	30	1	17	M	E. 1	76	9	8	19	A	E. 1
OCTOBER.						77	17	5	39	A	E. 2
58	1	7	46	A	E. 1	78	18	4	39	A	E. 1
59	6	6	38	A	I. 3	79	24	6	6	A	E. 3
60		10	12	A	E. 3	80	25	6	30	A	E. 1
61	8	9	43	A	E. 1	In all 80.					
62	13	10	40	A	I. 3						

The 2d and 5th Columns, shew the Times when the Eclipses will happen; the 3d and 6th, shew the Kind. Thus, on the 5th of *February*, at 6 h. 43 m. in the Morning there will happen an Immersion of the second Satellite; and the Number 1, which is placed against the 5th of *February* in the 1st Column, refers to the Number 1 in the 1st Column of the *Plate of Configurations*, against which is placed the *Correspondent Configuration*, or the Form in which the Satellites will appear at that Time.